

#3. California Coast.

D: 4337 to D: 4355.

Hy.

Mch. 10th to 14th, 1904.

3.

Dr. 4337 - Dr. 4355.

No. *Dr. 4337*. Date *10 Mar.*

Sigsbee Machine. Reel.

Turns *566* Cor. + *51* Depth *617 fms.*

Shot or lead

Bottom *gnl gy.*

Bottom temperature *avg. say: 566 turns + 51 = 617 fms.*

No. of thermometer *see Dr. 4337* Cor.

Corrected temperature

Air *60* Surface *59* Drift *(S 75° W) 1 5/10'*

Trawl or dredge *8' Tur. Sinker, 2 shls, of Red Bag*

Am. SOUNDING WIRE.			Am. DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	Pm UP.	
<i>11.06.00</i>	<i>11.18.55</i>	0	<i>10.55.00</i>	<i>12-20.30</i>	
<i>07.10</i>	<i>17.55</i>	100	<i>59.00</i>	<i>16.00</i>	
<i>08.05</i>	<i>17.00</i>	200	<i>11.02.10</i>	<i>13.00</i>	
<i>09.00</i>	<i>16.00</i>	300	<i>05.30</i>	<i>09.30</i>	
<i>10.00</i>	<i>15.00</i>	400		<i>07-4</i>	
<i>11.00</i>	<i>14.00</i>	500		<i>12-06.15</i>	
<i>11.12.00</i>	<i>11.12.00</i>	<i>566</i>			
	<i>= 617 fms.</i>	<i>600</i>			
		700			
		800	<i>20.50</i>		
<i>Surf. Net:</i>		<i>850 -</i>	<i>11.22.15</i>	<i>11.47.00</i>	
<i>11.15</i>	<i>11.59</i>	900			
<i>= 44 min</i>		1000	<i>= 25 min</i>		
		1100			
		1200			
<i>Townsend Closing:</i>		1300			
<i>up down to 1500 fms, raised to 500 fms</i>		1400			
<i>12.05</i>	<i>12.20 Monit</i>	1500			
		1600			
	<i>messenger took</i>	1700			
	<i>20 seconds to descend</i>	1800			
		1900			
<i>Ahead at 12.22 pm</i>		2000			
<i>12.30</i>		2100			
<i>Lag over</i>		2200			
<i>Reading 32.8</i>		2300			
		2400			

Off San Diego -
 Pt Loma Light, N 38° 30' E, 15 ⁶/₁₀'

OK
 HCB,
 -2

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

CS# 5100.

Overcast, hazy, c.

St breeze from SSW

Bar. 30.01"

Therm. at 60°

Smooth sea, gentle breeze

No animal life in sight

Gulls following ship

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	Time coming up 33 m from 850 fathoms at the rate of 3 m 53 sec per 100 fms			
200				
300				
400	Descending time			
500				
600	3 m 10 1/2 sec per 100 fms			
700				
800				
900				
1000				

REMARKS:

No. —

Date

10 Mar. 04

Sigsbee Machine. Reel.

Turns 624 Cor. + 56

Depth 680 fms.

Shot or lead 36 lb

Bottom gn. M.

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature —

Air —

Surface —

Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.37.15	11.50.45	0
38.10	49.50	100
39.00	49.05	200
39.55	48.10	300
40.50	47.10	400
41.50	46.05	500
42.55	45.55	600
11.42.30	11.45.30	624
		700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4310	205	2500	
624	149	2600	
3686	56	2700	
	624	2800	
	680	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
	624	4000	
	56		

680 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *F 4337* Date *10 Mar. 04**Sigsbee* Machine. Reel.Turns *623* Cor. + *56* Depth *679 fms*Shot or lead *36 lb*Bottom *gn M*Bottom temperature *38.5°*No. of thermometer *98242* Cor.

Corrected temperature

Air *60°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

pm UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.56.00 *12-12.00**7.50* *10.30* 100*8.40* *09.20* 200*9.30* *08.10* 300*15* *07.10* 400*12.00, 10* *06.00* 500*1.20* 600*12 01.30* *12.04.30* 700*623 turns* 800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4310	205	2500	
623	149	2600	
2687	56	2700	
800	623	2800	
	679	2900	
		3000	
		3100	
Bar. 30.01"		3200	
Therm att 60'		3300	
Wind S S E		3400	
force 1		3500	
Large waves		3600	
from S S W		3700	
Pleasant, cloudy		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Mar. 10 '04

Machine.

Reel.

Turns 58 Cor. + 6

Depth 64 fms

Shot or lead 36 lbs

Bottom Rky

Bottom temperature

No. of thermometer

Sog 42.8 at 1.36 pm
not used Cor.

Corrected temperature

Air 61°

Surface

59°

Drift

Trawl or dredge 8' Trl

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1. 46.10

1. 48.00

0

35

1. 46.40

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

OK
HOB
M

Bar 30.40"
Therm. at 61°
Surface 59°
Wind South, force 2
Cloudy, not pleasant

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 1438* Date *July 1888*
Sigsbee Machine. Reel.
 Turns *153* Cor. + *15* Depth *168 fms*

Shot or lead *35*
 Bottom *S, gy S, gy S*
 Bottom temperature
 No. of thermometer *111* Cor.
 Corrected temperature
 Air *60* Surface *59* Drift *(S 75° W 10')*
 Trawl or dredge *3' Trawl with 1/2 mesh*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 55.00	1. 58.20	0	2. 06.00	2. 47.40
57.00	1. 57.50	100	2. 09.00	
		150	2. 11.20	
		200		
		stop		
		170	2. 14.00	
		200		
		210	2. 18.30	
<i>75 turns + 7 = 82</i>		255	2. 23.00	3. 05.30
		600		
2. 03.30		700		
2. 04.40	2. 04.45	800		
		900		
12.00	12.15	1000		
12.30	13.15	1100		
		1200		
		1300		
		1400		
2. 19.00	2. 23.10	1500		
2. 21.40	2. 21.45	1600		
		1700		
<i>153 = 15 = 168</i>		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

At Loma Ligat, N 33° E, 10⁵/₁₀'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____

Date *Mar 10*

Machine. _____

Reel. _____

Turns *205* Cor. + *20*Depth *225 fms*~~Shot~~ or lead *36 lbs*Bottom *fine sand*

Bottom temperature _____

No. of thermometer _____

Cor. _____

Corrected temperature _____

Air *60°*Surface *59°*

Drift _____

~~Trawl~~ or dredge _____

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>2 32 30</i>	<i>1 55 10</i>	0		
<i>1 35 30</i>	<i>1 53 10</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.
1883

No. *T. 4338* Date *Mar. 10*

Sigsbee Machine. Reel.

Turns *231* Cor. + *23* Depth *254 fms*

~~Shot~~ or lead *36 lbs*

Bottom *gn M*

Bottom temperature *44°*

No. of thermometer *98242* Cor.

Corrected temperature

Air *60°* Surface *57* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2 38.15</i>	<i>2.40.00</i>	0		
<i>38.45</i>	<i>45.00</i>	100		
<i>39.30</i>	<i>44.00</i>	200		
<i>40.15</i>	<i>43.30</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11210	231	2500	
231	192	2600	
4079	23	2700	
	231	2800	
	234	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4339* Date *Mar 10 1904**Sigsbee* Machine. Reel.Turns *219* Cor. + *22* Depth *241*~~Shot~~ or lead *36* lbs.Bottom *gn M R*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *60* Surface *61* Drift *N 65° W*Trawl or dredge *8' T. R. 15' x 4' 6"*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3.04.00</i>	<i>3 10.30</i>	0	<i>2.50.00</i>	<i>4.00.00</i>
<i>3.05.00</i>	<i>3 09.20</i>	100	<i>3 03.15</i>	-
<i>3.06.20</i>	<i>3 08.20</i>	200	<i>3 06.40</i>	-
<i>3 07.</i>	<i>3.07.20</i>	300	<i>3.09.50</i>	-
		<i>bottom</i>	<i>3 13.40</i>	<i>51.00</i>
		400		
		500	<i>3.17.30</i>	<i>3.46.00</i>
		600		
		700	<i>Time 29 min</i>	
<i>3.08.00</i>	<i>3.05.00</i>	800		
	<i>3.05.00</i>	900		
<i>3.09.00</i>	<i>3.48.00</i>	1000		
		1100		
<i>Sound and Close</i>		1200		
<i>Net at 3.50</i>		1300		
<i>Swirl down to 150 fms</i>		1400		
<i>revised to 150 fms</i>		1500		
<i>mesenger sent</i>		1600		
<i>down to raise it</i>		1700		
<i>at 3.55</i>		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

St Louis Light, N 36° E., 11 2/10'

U310		2500	
511		2600	
1		2700	
		2800	
2		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date *Mar 10, 1904*
Sigsbee Machine. Reel.
 Turns *261* Cor. + *76* Depth *337 fms*
 Shot or lead *36 lbs.*
 Bottom *gn M*
 Bottom temperature
 No. of thermometer *not used* Cor.
 Corrected temperature
 Air *60°* Surface *59°* Drift
 Trawl or dredge

SOUNDING WIRE, <i>fms.</i>		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>18 30</i>	<i>3.24 10</i>	0		
<i>19 10</i>	<i>23.50</i>	100		
<i>20 10</i>	<i>22.50</i>	200		
<i>21 20</i>	<i>21.51.40</i>	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

113.0		2500	
561	177	2600	
449	26	2700	
100	250	2800	
100	250	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *51* Date *Mar. 10-04*
Sigsbee Machine. Reel.
 Turns *295* Cor. + *30* Depth *325 fms*
 Shot or lead *36 lbs*
 Bottom *R*
 Bottom temperature
 No. of thermometer *not used* Cor.
 Corrected temperature
 Air *60°* Surface *59°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>31.50</i>	<i>3.35.45</i>	0		
<i>32.00</i>	<i>3.34.00</i>	100		
<i>32.50</i>	<i>3.33.00</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

43.10	5.15	2500
2.45	1.75	2600
0.15	5.0	2700
2.45	2.45	2800
7.75	7.75	2900
		3000
27.73	2.45	3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2000.
101

No. *E. 4129* Date *Mar 10th 04*
Signature Machine. Reel.
 Turns *336* Cor. + *22* Depth *369*
~~Shot~~ or lead *36 lbs*
 Bottom *S.*
 Bottom temperature *41.5°*
 No. of thermometer *98242* Cor.
 Corrected temperature
 Air *60°* Surface *59°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.52.30</i>	<i>4.02.55</i>	0		
<i>33.20</i>	<i>4.01.50</i>	100		
<i>4.00</i>	<i>4.00.45</i>	200		
<i>5.00</i>	<i>3.59.20</i>	300		
<i>5.50</i>	<i>3.58.30</i>	<i>325</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11310	175	2500	
32	33	2600	
3974	33	2700	
8.1	369	2800	
8.1		2900	
8.1		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4345* Date *11 Mar. 1904*

Tanner Machine. Reel.

Turns *45* Cor. + *1* Depth *46 fms*

Shot or lead *26 lb*

Bottom *fine gy S. M. Sp. S.*

Bottom temperature

No. of thermometer *—* Cor.

Corrected temperature

Air *56* Surface *57* Drift *(S 7 10 71)*

Trawl or dredge *8' beam, 2 sub. 4' 1/2, 1' 1/2*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>9.57.30</i>	<i>39.40</i>	0	<i>9.45.30</i>	<i>12.00</i>
<i>38.00</i>	<i>39.00</i>	100	<i>46.00</i>	<i>12.15</i>
		150		
		200		
		300	<i>27</i>	
		400		
		500		
		600		
		700		
		800		
<i>10.09 - 10-18</i>		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

(1) Coronados Islands
 South 4, South Corvado Id, N 87° E, 1 8/10'

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. —

Date 11 Feb 04

Tanner Machine.

Reel.

Turns 51 Cor. + 1

Depth 52 fms

Shot or lead 26 lb

Bottom fm. gy. S.

Bottom temperature —

No. of thermometer —

Cor.

Corrected temperature —

Air 56 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.46. 9.48.20
9.47 9.47.20

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

11 Mar. 04

Tanner Machine.

Reel.

Turns 57 Cor. + 1

Depth 58 fms

Shot or lead 26 lb

Bottom fine S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 56 Surface 57

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9 56.40

9 55.45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

11 Dec 04

Tanner Machine.

Reel.

Turns 63 Cor. + 1

Depth 6' fms

~~Shot or lead~~ 26 lb

Bottom W. Bottom: fine S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 56 Surface 57 Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.59.20 10.02.12

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

11 / 7 / 04

Machine.

Reel.

Turns 85 Cor. +

2

Depth 87 fms.

Shot or lead 26 lb

Bottom

bl. sp. gy. s.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

56

Surface

57

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.07.00	10.10.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D-4041* Date *11 Mar. 04*

Tanner Machine. Reel.

Turns *185* Cor. + *3* Depth *188 fms.*Shot or lead *26 lb*Bottom *lv.*Bottom temperature *46°*No. of thermometer *98242* Cor.

Corrected temperature

Air *57* Surface *59* Drift) *1 1/10'*Trawl or dredge *8' Trawl with Vibro Cor. anchor*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.19.30</i>	<i>21.30</i>	0	<i>10.29.30</i>	<i>11.30.00</i>
<i>21.10</i>	<i>26.30</i>	100		<i>26.00</i>
<i>10.22.00</i>	<i>10.25.00</i>	200	<i>36.00</i>	<i>22.00</i>
		300	<i>39.00</i>	<i>18.20</i>
		400	<i>10.42.50</i>	<i>12.15</i>
		500		<i>11.07.40</i>
		600		
		700		
		800		
		900		
<i>10.42.00</i>	<i>10.59</i>	1000		
<i>= 16 min.</i>		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

S. Pt. S. Canada P. N 79° 5', 33 1/10'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Date _____

11 Mar. 04.

Singer Machine..... Reel.

Turns 2 22-Cor. + 22 Depth 2

Shot or lead 36 lb 266'

Bottom gy. S. 1/2. W. 21. 228

Bottom temperature 42°

No. of thermometer 9124 Cor. - 32.5 u

Corrected temperature

<i>Air</i>	<i>Surface</i>	<i>Drift</i>
------------	----------------	--------------

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.42.00	10.48.30	0		
15.00	12.15	100		
43.50	11.10	200	270 S.	
10. --	10.46.00	300	266.	
10.50.30	10.57.00	400		
51.30	56.00	500		
10. --	10. --	600		
10. --	10. --	700		
10. --	10. --	800		
10. --	10. --	900		
10. --	10. --	1000		
10. --	10. --	1100		
10. --	10. --	1200		
10. --	10. --	1300		
10. --	10. --	1400		
10. --	10. --	1500		
10. --	10. --	1600		
10. --	10. --	1700		
10. --	10. --	1800		
10. --	10. --	1900		
10. --	10. --	2000		
10. --	10. --	2100		
10. --	10. --	2200		
10. --	10. --	2300		
10. --	10. --	2400		

4310	205	2500	
232	182	2600	
4070	205	2700	
	205	2800	
	205	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

4342

Date

Mar 11 1891

Tanner Machine. Reel.

Turns 52 Cor. + 1

Depth 53

Shot or lead 26 lbs

Bottom gy. S

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 61°

Surface 60°

Drift

210'

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11.19

12.00 11 17.00

12.15 15 15.00

no auxiliary
nets used

S. H., L. Corvado St., 3720 St. 2 1/2.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4242* Date *Feb 11 1904*

Tanner Machine. Reel.

Turns *65* Cor. + *1* Depth *66 fms*~~Shot or lead~~ *26 lbs*Bottom *gy. s. bk. sh.*Bottom temperature *48.9°*No. of thermometer *98242* Cor.

Corrected temperature

Air *61°* Surface *60°* Drift~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.28.00 *12.30.00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500
	2600
	2700
	2800
	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4342

Date Jan. 11, 1901

Machine. Reel.

Turns 54 Cor. + 1

Depth 55

Shot or lead 26 lbs

Bottom fine gy S

Bottom temperature

No. of thermometer not used Cor.

Corrected temperature

Air 61° Surface 58° Drift 13/10' (S 80° W)

Trawl or dredge 8' Trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1. 33.00		0	1. 33.50	17-00
34.00	1. 34.00	100	1. 35.10	2. 14.00
		200	1. 50.00	
Second Sound		300	1. 55.00	2. 12.30
1. 53.8		400	2. 22.00	
		500		
1. 40.00	58	600		
1. 5		700		
		800		
1. 42.00	58	900		1. 42.00
1. 5		1000		2. 12.30
		1100		3. 00.00
1. 41.00		1200		
1. 44.00		1300		2. 14.00
1. 53.00	61	1400		2. 18.00
		1500		3. 00.00
2. 06.00	61	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

S. Pt., S. Corral, 39, S 60° E., 3 6/10'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
Bar. 30.13"	3100	
Therm at 61"	3200	
Test as at 4342	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *4343* Date *Mar. 11. 04**Sinner* Machine. Reel.Turns *153* Cor. + *2* Depth *155 fms*Shot or lead *26 lbs*Bottom *gy S*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *60°* Surface *58°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.50</i>	<i>2.17.00</i>	0		
<i>2.13.50</i>	<i>2.15.35</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. D 4344 Date Mar. 11, '04

<i>Singer</i>	<i>Machine.</i>	<i>Reel.</i>
---------------	-----------------	--------------

Turns 204 Cor. + 20

Depth. 224 fms.

Shot or lead 36 lbs

Bottom lost again

Bottom temperature

No. of thermometer used. 1

Cor.

Corrected temperature

Air 60° Surface 58°

Drift

5790' W
2510'

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.14.10		0	2.12.00	3.12.00
5.15.10		100	28.00	3.13.00
5.16.10	3.14.00	200	31.00	3.14.00
5.17.10	3.15.00	300	34.00	3.15.00
5.18.10	3.16.00	400	38.00	3.16.00
5.19.10	3.17.00	450	41.00	3.17.00
5.20.10	3.18.00	500	44.00	3.18.00
5.21.10	3.19.00	512	46.00	3.19.00
5.22.10	3.20.00	600	48.00	3.20.00
5.23.10	3.21.00	700	50.00	3.21.00
5.24.10	3.22.00	800	52.00	3.22.00
5.25.10	3.23.00	900	54.00	3.23.00
5.26.10	3.24.00	1000	56.00	3.24.00
5.27.10	3.25.00	1100	58.00	3.25.00
5.28.10	3.26.00	1200	60.00	3.26.00
5.29.10	3.27.00	1300	62.00	3.27.00
5.30.10	3.28.00	1400	64.00	3.28.00
5.31.10	3.29.00	1500	66.00	3.29.00
5.32.10	3.30.00	1600	68.00	3.30.00
5.33.10	3.31.00	1700	70.00	3.31.00
5.34.10	3.32.00	1800	72.00	3.32.00
5.35.10	3.33.00	1900	74.00	3.33.00
5.36.10	3.34.00	2000	76.00	3.34.00
5.37.10	3.35.00	2100	78.00	3.35.00
5.38.10	3.36.00	2200	80.00	3.36.00
5.39.10	3.37.00	2300	82.00	3.37.00
5.40.10	3.38.00	2400	84.00	3.38.00

End of days work

S. Pl., S. Corrado J., S 65° E., 5 3/10'

43.15	205	2500
207	185	2600
41.06	20	2700
16.07	20	2800
	200	2900
For 30.17		3000
30.17		3100
30.17		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
	3.12	4000
	3.14	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Water clear.
 Very heavy straining, but good
 specimens of the same.
 (Specimens in rocks on bottom)

No. *4-1111*Date *Mar. 11/1904**Wann* Machine. Reel.Turns *24* Cor. + *1* Depth *25 fms*~~Shot or lead~~ *26 lb*Bottom *gy.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *6* Surface

Drift

Trawl or dredge *8' Trawl*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

4.12.55 *4.14.10*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

St. Louis, Mo., N 1° E, 12 4/10'

	2500	
	2600	
0.15	2700	
0.25	2800	
air. temp.	2900	
surface temp.	3000	1.1.1.
Bar. 30.10	3100	
Term. etc. 61	3200	
Gentle swell.	3300	
Numerous rills.	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4346* Date *Mar 12, '04**Tanner* Machine. Reel.Turns *45* Cor. + *1* Depth *46 fms*Shot or lead *26 lbs.*Bottom *br. M. S. gy. S.*

Bottom temperature

No. of thermometer *no* used Cor.

Corrected temperature

Air *50°* Surface *57°* Drift *1° 10'*Trawl or dredge *3' 10" 2' 4" 1' 8" 8' 2" 1' 8"*

SOUNDING WIRE

DREDGE ROPE

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>8.01.00</i>	<i>8.04.00</i>	0	<i>8.01.00</i>	<i>8.04.00</i>
	<i>8.05.00</i>	100	<i>8.07.00</i>	<i>8.07.45</i>
		200	<i>Time 2.50</i>	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Port of ... N 20 E 4 3/8'

<i>C. P.</i>		2500	
<i>W. 10. 10"</i>		2600	
<i>W. 10. 10"</i>		2700	
<i>W. 10. 10"</i>		2800	
<i>Wind 6</i>		2900	
<i>Fair 4 p.m.</i>		3000	
<i>Sea mod.</i>		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date _____

Mar. 12. 04

Machine. Reel.

Turns 50 Cor. + 1 Depth 51 fms

~~Shot~~ or lead 26 lbs

Bottom fine gray cl.

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air 52° Surface 57° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.	25.00	0		
	2.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

516
 2728
 2728
 2728

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *F 4546* Date *May 12, 1901**Tanner* Machine. ReelTurns *49* Cor. + *1* Depth *50*Shot or lead *26*Bottom *furry S*Bottom temperature *50.4*No. of thermometer *9811* Cor.

Corrected temperature

Air *52°* Surface *57°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8. 31.00</i>	<i>8. 32.00</i>	0		
<i>8. 33.00</i>	<i>8. 33.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D. 4347* Date *May 12 1904*

Tanner Machine. Reel.

Turns *54* Cor. + *1* Depth *55 fms*

Shot or lead *26 lbs*

Bottom *fine gy S*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *52°* Surface *57°* Drift *210'*

Trawl or dredge *8' Tanner as before*

SOUNDING WIRE		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
<i>44</i>	<i>3:57</i>	0	<i>8:42</i>	<i>9:16</i>
<i>45</i>	<i>3:50</i>	100	<i>8:47</i>	<i>9:12</i>
		200		
		300	<i>Time 25</i>	
		400		
	<i>52</i>	500	<i>9:12</i>	
	<i>9:12</i>	600		
	<i>7:30</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

H. L. L. L. N 43° E, 5 2/10'

<i>124</i> <i>marked same</i> <i>as at D. 4336</i>	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date July 21st

Tanner

Machine.

Reel.

Turns 56 Cor. + 1Depth 56Shot or lead 35Bottom gy. M.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 52°Surface 57°

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9.02.30

0

9.03.00

100

9.03.30

200

9.04.00

300

9.04.30

400

9.05.00

500

9.05.30

600

9.06.00

700

9.06.30

800

9.07.00

900

9.07.30

1000

9.08.00

1100

9.08.30

1200

9.09.00

1300

9.09.30

1400

9.10.00

1500

9.10.30

1600

9.11.00

1700

9.11.30

1800

9.12.00

1900

9.12.30

2000

9.13.00

2100

9.13.30

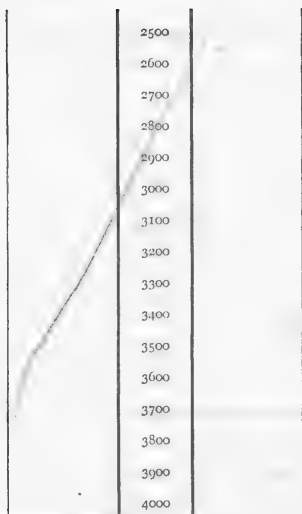
2200

9.14.00

2300

9.14.30

2400



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E 4347* Date *March 12, 1904*
Tanner Machine. Reel.
 Turns *7* Cor. + *1* Depth *53 fms*
 Shot or lead *26 lbs*
 Bottom *fine gy. S. & G. M. S.*
 Bottom temperature *50.4*
 No. of thermometer *98442* Cor.
 Corrected temperature
 Air *52°* Surface *57.0* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9. 15.00</i>	<i>9. 21.00</i>	0		
<i>9. 16.00</i>	<i>9. 19.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *27 14248* Date *Aug 12 1897*

Sigsbee Machine. Reel.

Turns *80* Cor. + *1* Depth *81*

Shot or lead *35 lb*

Bottom *gy S, gn M & br Sp* *96*

Bottom temperature *103*

No. of thermometer *112* Cor.

Corrected temperature *57.90/11*

Air *52* Surface *57* Drift *1° 10'*

Trawl or dredge *5' beam trawl*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>9.22.30</i>	<i>9.27.00</i>	0	<i>9.22.30</i>	<i>10.16.00</i>
<i>9.23.30</i>	<i>9.26.30</i>	100	<i>9.27.15</i>	<i>10.15.30</i>
<i>9.24.30</i>	<i>9.25.30</i>	125	<i>9.34.30</i>	
<i>9.25.30</i>	<i>9.24.30</i>	200	<i>9.37.00</i>	
<i>9.26.30</i>	<i>9.23.30</i>	150	<i>9.44.00</i>	<i>10.09.00</i>
<i>9.27.30</i>	<i>9.22.30</i>	300	<i>Time 35 min</i>	
<i>9.28.30</i>	<i>9.21.30</i>	175		
<i>9.29.30</i>	<i>9.20.30</i>	400		
<i>9.30.30</i>	<i>9.19.30</i>	500		
<i>9.31.30</i>	<i>9.18.30</i>	600		
<i>9.32.30</i>	<i>9.17.30</i>	700		
<i>9.33.30</i>	<i>9.16.30</i>	800		
<i>9.34.30</i>	<i>9.15.30</i>	900	<i>Small Haul</i>	
<i>9.35.30</i>	<i>9.14.30</i>	1000	<i>at 10.09</i>	
<i>9.36.30</i>	<i>9.13.30</i>	1100	<i>time out 1 1/2 hr</i>	
<i>9.37.30</i>	<i>9.12.30</i>	1200		
<i>9.38.30</i>	<i>9.11.30</i>	1300		
<i>9.39.30</i>	<i>9.10.30</i>	1400		
<i>9.40.30</i>	<i>9.09.30</i>	1500		
<i>9.41.30</i>	<i>9.08.30</i>	1600		
<i>9.42.30</i>	<i>9.07.30</i>	1700		
<i>9.43.30</i>	<i>9.06.30</i>	1800		
<i>9.44.30</i>	<i>9.05.30</i>	1900		
<i>9.45.30</i>	<i>9.04.30</i>	2000		
<i>9.46.30</i>	<i>9.03.30</i>	2100		
<i>9.47.30</i>	<i>9.02.30</i>	2200		
<i>9.48.30</i>	<i>9.01.30</i>	2300		
<i>9.49.30</i>	<i>9.00.30</i>	2400		

St. Anne's, N 49. E. 58 1/10'

2500	
2600	
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1044* Date *July 12**Sigsbee* Machine. Reel.Turns *103* Cor. + *10* Depth *113 fms*Shot or lead *36 lbs*Bottom *gn M & S*Bottom temperature *48°*No. of thermometer *9254* Cor.

Corrected temperature

Air *69°* Surface *58°* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*10, 13, 00**10, 10, 0*

0

*10, 14, 00**10, 17, 00*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4112	175	2500	2112
103	175	2600	2112
0164009	10	2700	2112
103	103	2800	2112
103	113	2900	2112
103		3000	2112
103		3100	2112
103		3200	2112
103		3300	2112
103		3400	2112
103		3500	2112
103		3600	2112
103		3700	2112
103		3800	2112
103		3900	2112
103		4000	2112

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4349 Date 11/1/01

Tanner Machine. Reel.

Turns 74 Cor. + 1 Depth 75

Shot or lead 26 lb 82

Bottom 84

Bottom temperature 90

No. of thermometer 103 Cor.

Corrected temperature 19.6

Air 1 Surface 5 Drift 12 10'

Trawl or dredge 3' Y

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.33.00	10.36.00	0	10.33	11-30-
10.34.00	10.34.05	100		11
		150		11
		175		11
10.38.00	10.40.00	300		11
39.00		400		4.5m
81.7+1 = 82 fms		500		
94.5		600		
10.43.00	10.46.00	700		
		800		
83 fms	84 fms	900		
9m ML 5-8		1000		
10.49.00	10.52.00	1100		
10.50.00	10.50.05	1200		
58+2 = 90 fms	9m ML 5	1300		
		1400		
10.55.30	10.59.30	1500		
6.30	6.45	1600		
101+2 = 103 fms		1700		
7m ML		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

H. T. ... N.E. 65/10

<i>0.5</i>	2500
<i>1.0</i>	2600
<i>1.5</i>	2700
<i>2.0</i>	2800
<i>2.5</i>	2900
<i>3.0</i>	3000
<i>3.5</i>	3100
<i>4.0</i>	3200
<i>4.5</i>	3300
<i>5.0</i>	3400
<i>5.5</i>	3500
<i>6.0</i>	3600
<i>6.5</i>	3700
<i>7.0</i>	3800
<i>7.5</i>	3900
<i>8.0</i>	4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607. *JWR*

No. _____ Date *Jan 12 1887*

Sigsbee Machine. Reel. _____

Turns *112* Cor. + *11* Depth *123 f*

Shot or lead *36 lbs* *134 "*

Bottom *gn. M* *110 "*

Bottom temperature _____

No. of thermometer *not used* Cor. _____

Corrected temperature _____

Air _____ Surface *9* Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.02.45</i>	<i>11.08.00</i>	0		
<i>3.45</i>	<i>11.04.30</i>	100		
		200		
		300		
<i>11.10.30</i>	<i>11.14.00</i>	400		
<i>11.30</i>	<i>11.12.30</i>	500		
<i>12.2 + 12 = 13.4</i>	<i>gn M, 11.55</i>	600		
		700		
		800		
<i>11.18</i>	<i>11.21.30</i>	900		
<i>19.10</i>	<i>11.20.00</i>	1000		
<i>100 + 10 = 110 f</i>		1100		
<i>gn M</i>		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

6619
 1000
 1000

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

007/111
2800

No. *E 4349* Date *Mar 12*

Machine. Reel.

Turns *74* Cor. + *7* Depth *81 fms*

Shot or lead *35 lb*

Bottom *crs. gy S*

Bottom temperature *50.8*

No. of thermometer *98242* Cor.

Corrected temperature

Air *68°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11. 5.00 *11. 25.00*
11. 26.00 *11. 29.00*

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

4112	185	2500	
100	178	2600	
0000	7	2700	
00	00	2800	
100	8	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *11 4200* Date *Mar 12 04*

Tanner Machine. Reel.

Turns *80* Cor. + *1*Depth *81*Shot or lead *26 lbs*Bottom *crs gy S*

Bottom temperature

No. of thermometer *1* Cor.

Corrected temperature

Air *62* Surface *59* Drift *1 1/10*Trawl or dredge *3' I*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.	UP.	TURNS.	DREDGE ROPE.
<i>11. 36. 00</i>	<i>11. 40. 00</i>	0	<i>11. 36. 00</i>
<i>11. 37. 40</i>	<i>11. 37. 45</i>	100	<i>11. 42. 15</i>
		175	<i>11. 42. 00</i>
		200	<i>12. 00. 20</i>
		300	<i>= 2 min.</i>
<i>11. 45</i>	<i>11. 48. 00</i>	400	
<i>46</i>	<i>46. 10</i>	500	
<i>51 + 1 - 38. 5</i>	<i>48. 00</i>	600	
		700	
<i>11. 56 - 81</i>	<i>50. 00</i>	800	
<i>12. 05 85</i>		900	
		1000	
		1100	<i>11. 45. 00</i>
		1200	<i>12. 04. 00</i>
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

H. L. ... 27 1/10'

Handwritten notes and scribbles on the left margin.

Do 4349

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

low west.

the middle

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E. 4350* Date *12 Mar. 1904*

Tanner Machine. Reel.

Turns *83* Cor. + *1* Depth *84 fms.*

Shot or lead *26 lb*

Bottom *gn. M. crs. gy S. bkn Sh. G.*

Bottom temperature *49.5°*

No. of thermometer *98242* Cor.

Corrected temperature

Air *58* Surface *58* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.09.4-</i>	<i>12.14.10</i>	0		
<i>10.5</i>	<i>12.15</i>	50		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1551. Date 14 June 1904

Sigsbee Machine. Reel.

Turns 300 Cor. + 22 Depth 422 fms.

Shot or lead 36 lb

Bottom sft. gn. M.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature (57.6)

Air 60° Surface 58° Drift 17 10'

Trawl or dredge 8' beam, 2' net, 7' 1/2' bag.

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.22.15 4.40.20

0

33.20 39.40

100

34.15 37.55

200

35.10 38.00

300

36.05 9.17.20

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Surf Net:

9.44.00 - 10.30.00

46 min.

12.00.00 10.29.50

30 min.

Townsend's Self design

125 fms. down;

pulled up 25 fms.

not closed.

9.32. - surf 10.44

H. Loma Light. 113° E, 12³/₁₀'

	2500	
	2600	
	2700	
4/10: 1000.	2800	
5/10: 1000.	2900	
6/10: 1000.	3000	
7/10: 1000.	3100	
8/10: 1000.	3200	
9/10: 1000.	3300	vestiges increasing to
10/10: 1000.	3400	gentle swell. W. V. W.
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Sigsbee Machine.

Reel.

Turns 422 Cor. + 36

Depth 458 fms.

Shot or lead 36 lb.

Bottom gy. s.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 71

Surface 60

Drift

Trawl or dredge 1

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10.10.10 10.10.10

9

11.00 00.50

100

02.50 02.40

200

03.50 03.40

300

05.00 04.50

400

10.10.10 10.10.10

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6
 20
 30
 40
 50
 60
 70
 80
 90
 100

4112
 1185
 1112
 426
 422
 458

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E. 4351.* Date *Apr 7, 1904.**Sigsbee* Machine. Reel.Turns *450* Cor. + *38* Depth *488 fms.*Shot or lead *36 lb*Bottom *gn. M.*Bottom temperature *40°*No. of thermometer *98242* Cor.

Corrected temperature

Air *71* Surface *60* DriftTrawl or dredge.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.32.00</i>	<i>10.40.00</i>	0		
<i>32.55</i>	<i>11.00</i>	100		
<i>33.55</i>	<i>11.20</i>	200		
	<i>11.30</i>	300		
	<i>40.10</i>	400		
<i>10.36.20</i>	<i>10.39.30</i>	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11
100
/ 2

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
185	3600	
147	3700	
125	3800	
1450	3900	
1488	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D-422*. Date *14 Nov. 1921*

Sigsbee Machine. Reel.

Turns *506* Cor. + *42* Depth *548*

Shot or lead *36 lb*

Bottom *om. M.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature *(57.1)*

Air *70* Surface *57* Drift *13.12*

Trawl or dredge *8' beam trawl*

SOUNDING WIRE.

DOWN.	UP.	TURNS.
		0
		100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

DREDGE ROPE.

DOWN.	UP.
	<i>24.45</i>
	<i>12.22.00</i>
	<i>12.18.30</i>
	<i>12.15.00</i>
	<i>12.12.00</i>
	<i>11.56.30</i>
	<i>11.54.45</i>

St. Louis Light, 440° E., 13 ⁴/₁₀'

	2500	
	2600	
	2700	
	2800	
	2900	2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000
	3000	3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000
	3100	3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000
	3200	3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000
	3300	3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000
	3400	3400, 3500, 3600, 3700, 3800, 3900, 4000
	3500	3500, 3600, 3700, 3800, 3900, 4000
	3600	3600, 3700, 3800, 3900, 4000
	3700	3700, 3800, 3900, 4000
	3800	3800, 3900, 4000
	3900	3900, 4000
	4000	4000

506

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date 14 Mar 04

Sigsbee Machine

Reel.

Turns 532 Cor. + 45

Depth 577

Shot or lead 36

Bottom sn.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 70 Surface 57

Drift

~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

11.32.15 11.42.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

140
5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4352 Date Nov 14 1881
 Sigbee Machine. Reel.

Turns 540 Cor. + 40 Depth 580
 Shot or lead 36 lbs
 Bottom gn M
 Bottom temperature 39°
 No. of thermometer 98242 Cor.
 Corrected temperature
 Air 68° Surface 59° Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 58.00	0. 12 10	0		
59.00	10 45	100		
Mud 00	29 50	200		
12. 01.00	29 30	300		
02.00	02. 30	400		
02.30	01. 16. 30	500		
12. 03.00	01. 06.00	540		
		600		
		700		
		800		
	12. 11. 00	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

61 J. D. W. J. D. W.	4112	2500	14
	4140	2600	
	4112	2700	135
	540	2800	140
	540	2900	45
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Dr 4353* Date *Mar 14 04*

Sigsbee Machine. Reel.

Turns *540* Cor. + *44* Depth *650*

Shot or lead *36 lbs*

Bottom *gn M*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *55* Surface *58.0°W* Drift *1.1*

Trawl or dredge *8'2"*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>00</i>	<i>1 45.00</i>	0	<i>1.52.00</i>	<i>2.55.00</i>
<i>10</i>	<i>1 44.00</i>	100	<i>1.35.30</i>	<i>2.51.30</i>
<i>20</i>	<i>1 43.10</i>	200	<i>1.28.45</i>	<i>2.47.45</i>
<i>30</i>	<i>1 42.20</i>	300	<i>1.42.00</i>	
<i>40</i>	<i>1 41.30</i>	400	<i>1.44.30</i>	
<i>50</i>	<i>1 40.40</i>	500	<i>1.47.00</i>	
<i>60</i>	<i>1 39.50</i>	600	<i>1.50.00</i>	
		700	<i>1.52.30</i>	
		800	<i>1.55.00</i>	
		<i>850</i>		
	<i>1 38.00</i>	900	<i>1.57.30</i>	<i>2.51.30</i>
	<i>1 37.10</i>	1000		
	<i>0.50 1.00</i>	1100		
		1200		
		1300		
	<i>2.57.00</i>	1400		
	<i>150</i>	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Pl. Lima Light, N 47° E, 14 2/10'

	2500	
11	2600	
12	2700	18
13	2800	15
14	2900	11
15	3000	5
16	3100	6.5
17	3200	
18	3300	
19	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date *May 14 - 04*

Sigsbee Machine. Reel.

Turns *620* Cor. + *12* Depth *628 fms*

Shot or lead *36 lbs*

Bottom *gn M*

Bottom temperature

No. of thermometer *not used* Cor.

Corrected temperature

Air *65°* Surface *59°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2. 01.00 *2. 13.30*

2. 02.00 *12.30*

2. 50 *11.30*

3. 40 *10.30*

4. 30 *2. 09.30*

5. 30 *2. 08.30*

6. 00 *2. 06.45*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1 4353 Date Nov. 14

Sigsbee Machine. Reel.

Turns 591 Cor. + 49 Depth 640

Shot or lead 36 lbs

Bottom gn M

Bottom temperature 39.0

No. of thermometer 9042 Cor.

Corrected temperature

Air 50 Surface 59 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 27. 10	43. 30	0		
2. 28. 15	42. 30	100		
2. 29. 20	41. 30	200		
30. 00	40. 15	300		
30. 55	39. 00	400		
31. 58	37. 30	500		
32. 59	2. 36. 00	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

7112

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *D 4354*Date *Jan 1st 1881**Sigsbee* Machine. Reel.Turns *596* Cor. + *50*Depth *646*Shot or lead *36 lbs*Bottom *gn M*

Bottom temperature

No. of thermometer *5500* Cor.

Corrected temperature

Air *61°* Surface *59°* Drift *(S.W.) 1'*Trawl or dredge *3' Tanner beam trawl*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>3.05.00</i>	<i>3</i>	<i>18.15</i>	<i>0</i>	<i>3.05.00</i>	<i>4.22.30</i>
<i>3.40.50</i>	<i>3</i>	<i>17.00</i>	<i>100</i>	<i>3.07.50</i>	<i>19.30</i>
<i>3.06.50</i>	<i>3</i>	<i>16.10</i>	<i>200</i>	<i>3.10.30</i>	<i>4.16.30</i>
<i>07.55</i>	<i>3</i>	<i>15.15</i>	<i>300</i>	<i>3.12.50</i>	—
<i>08.40</i>	<i>3</i>	<i>14.20</i>	<i>400</i>	<i>3.15.30</i>	—
<i>09.20</i>	<i>3</i>	<i>13.25</i>	<i>500</i>	<i>3.18.10</i>	—
<i>10.00</i>	<i>3</i>	<i>12.30</i>	<i>600</i>	<i>3.20.50</i>	—
			<i>700</i>	<i>3.23.30</i>	—
			<i>800</i>	<i>3.26.00</i>	<i>56.30</i>
			<i>850</i>	<i>3.27.40</i>	<i>2.54.15</i>
			<i>900</i>		
			<i>1000</i>		
			<i>1100</i>		<i>27m</i>
			<i>1200</i>		
			<i>1300</i>	<i>3.54</i>	
			<i>1400</i>		
			<i>1500</i>		
			<i>1600</i>		
			<i>1700</i>		
			<i>1800</i>		
			<i>1900</i>		
			<i>2000</i>		
			<i>2100</i>		
			<i>2200</i>		
			<i>2300</i>		
			<i>2400</i>		

Time to 2000 fms 71.6
Time to 2500 fms 3.29.10
Time to 3000 fms 3.56.30
Time to 3500 fms 58.00

St. Lawrence Light, N 490 E., 15 6/10'

2500	
2600	
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. — Date *Mar 14 1904**Sigsbee* Machine. Reel.Turns *592* Cor. + *49* Depth *642 fms*~~Shot or lead~~ *36 lbs*Bottom *gr M*

Bottom temperature

No. of thermometer *117* Cor.

Corrected temperature

Air *61* Surface *59* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>26 15</i>	<i>3 50.00</i>	0
<i>27 30</i>	<i>3 48.00</i>	100
<i>28 45</i>	<i>3 46.00</i>	200
<i>29 00</i>	<i>3 44.00</i>	300
<i>30 15</i>	<i>3 42.00</i>	400
<i>31 30</i>	<i>3 40.00</i>	500
<i>32 45</i>	<i>3 38.00</i>	600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *E. 4354*. Date *14 Mar. 04**Sigsbee* Machine. Reel.Turns *600* Cor. + *50* Depth *650 fms.*Shot or lead *36 lb.*Bottom *gn. M.*Bottom temperature *38.5°*No. of thermometer *98242*. Cor.

Corrected temperature

Air *61* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.57.20</i>	<i>1.14.15</i>	0		
<i>38.00</i>		100		
<i>39.00</i>	<i>12.00</i>	200		
<i>40.00.15</i>		300		
<i>01.00.15</i>	<i>12.00</i>	400		
<i>02.00.15</i>	<i>08.00</i>	500		
<i>03.04.50</i>	<i>07.30</i>	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK
J. C. H.
2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4112 185
600 125
3512 50

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

anchorage off Anwar station Sta

No. Dr 4355 Date March 14. 04
 Handlead Machine. Reel.
 Turns Cor. + Depth 7 fms
 Shot or lead 9 lbs
 Bottom M & S
 Bottom temperature
 No. of thermometer not used Cor.
 Corrected temperature
 Air 57° Surface 59° Drift None
 Trawl or dredge Hand Dip Nets & Small Plankton

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-20-00	—	0		
(Sandstrom & J McDonald used —				
At 8.20 lowered a 16 cypress and				
lamps on foot below the surface and				
used hand dip nets to collect				
miscellaneous small fish				
and				
at 9.00 PM Sandstrom stopped				
and J McDonald continued in the				
direction of Trip Rigger to fish				
with fine dip net over the stern				
of the ship after 9.00 pm, no				
light being used — no results				
at 9.15 pm J McDonald returned to				
first fishing station at submerged light				
9.20 stopped hand dip nets and at				
9.42 sent down Small Plankton Net				
9.45 up again — down to 7 fms				
a second time hand dip net used				
over the starboard gangway brought				
better results by J. McDonald				
Closed work				
at 10.05 pm.				

1 h 45 m

San Diego Harbor

± off Quarantine v

Bar. 30.09", Therm. at 55°

Clear & pleasant

Calin -

Strong Ebb tide at 10.00 pm
bringing lot of drift on surface

-disrupts

850

$$\begin{array}{r}
 33 \\
 \hline
 1980 - 2.33 \text{ sec} \\
 1700 \quad \text{per fm} \\
 \hline
 2800 \quad 2.33 \\
 2550 \\
 \hline
 2500 \\
 2550
 \end{array}$$

60 / 233 seconds - 3, 5

850

$$\begin{array}{r}
 2760 \\
 \hline
 1620 - 1.905 \\
 850 \\
 \hline
 2200 \quad 3.10 \text{ per} \\
 2650 \\
 \hline
 115000
 \end{array}$$